

CLAIMS

1. A printed board unit comprising:  
a mother board; and  
5 a first board unit and a second board unit  
that are vertically mounted onto the mother board  
and face each other,  
the first board unit including a  
vertically standing daughter board, and an  
10 electronic parts mounting board that horizontally  
protrudes from the daughter board,  
the second board unit including a  
vertically standing daughter board, and an  
electronic parts mounting board that horizontally  
15 protrudes from the daughter board,  
the electronic parts mounting board of the  
first board unit and the electronic parts mounting  
board of the second board unit facing each other,  
being located at different heights, and overlapping  
20 with each other when seen from the tops of the  
daughter boards.
2. A printed board unit comprising:  
a mother board; and  
25 a first board unit and a second board unit  
that are vertically mounted onto the mother board  
and face each other,  
the first board unit including a  
vertically standing daughter board that has a  
30 connector near the lower end thereof, and an  
electronic parts mounting board that is connected to  
a lower region of the daughter board with the  
connector and horizontally protrudes from the  
daughter board,  
35 the second board unit including a  
vertically standing daughter board that has a  
connector near the upper end thereof, and an

electronic parts mounting board that is connected to an upper region of the daughter board with the connector and horizontally protrudes from the daughter board,

5           the electronic parts mounting board of the first board unit being located on the lower side while the electronic parts mounting board of the second board unit is located on the upper side,

10           the electronic parts mounting board of the first board unit and the electronic parts mounting board of the second board unit facing each other, and overlapping with each other when seen from the tops of the daughter boards.

15           3. The printed board unit as claimed in claim 2, wherein:

20           the daughter board of the first board unit has an electronic parts mounting region in which an electronic part is mounted to an area near the upper end thereof;

            the daughter board of the second board unit has an electronic parts mounting region in which an electronic part is mounted to an area near the lower end thereof:

25           the electronic parts mounting board of the second board unit is located in a position opposite to the electronic parts mounting region on the daughter board of the first board unit; and

30           the electronic parts mounting board of the first board unit is located in a position opposite to the electronic parts mounting region on the daughter board of the second board unit.

35           4. The printed board unit as claimed in claim 2, wherein:

            a semiconductor part is mounted between the daughter board of the first board unit and the

daughter board of the second board unit on the mother board; and

the semiconductor part is accommodated in a space that is formed below the electronic parts mounting board of the first board unit.

5                   5. A printed board unit comprising:  
                  a mother board; and  
                  a first board unit and a second board unit  
10   that are vertically mounted onto the mother board and face each other,

                  the first board unit including a vertically standing daughter board that has a connector, and an electronic parts mounting board  
15   that is connected to the daughter board with the connector and horizontally protrudes from the daughter board,

                  the second board unit including a vertically standing daughter board that is taller  
20   than the daughter board of the first board unit and has a connector near the upper end thereof, and an electronic parts mounting board that is connected to an upper region of the daughter board with the connector and horizontally protrudes from the  
25   daughter board,

                  the electronic parts mounting board of the first board unit being located on the lower side while the electronic parts mounting board of the second board unit is located on the upper side,

30                   the electronic parts mounting board of the first board unit and the electronic parts mounting board of the second board unit facing each other, and overlapping with each other when seen from the tops of the daughter boards.

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                  6. The printed board unit as claimed in claim 1, wherein each of the electronic parts

mounting boards has a plurality of memories mounted to a circuit board.

- 5        7.    An electronic apparatus into which a printed board unit as claimed in claim 1 is incorporated.